

Compound reservoir properties

A set of [reservoir properties](#) defining the reservoir flow model during production which are based on the [primary reservoir properties](#).

Transmissibility	Pressure diffusivity	Mobility	Total compressibility
$\sigma(s)$	$\chi(s)$	$M(s)$	$c_t(s) = c_r + c(s)$

where s is [reservoir fluid saturation](#).

See Also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Field Study & Modelling](#)

[[Reservoir properties](#)] [[Primary reservoir properties](#)]

[[Basic diffusion model parameters](#)]